FB 1 3 2004 But and a succion of

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO				Complete if Known		
0.000.00				Application Number	10/702,187	
INIE		N DISA	CI OSLIDE	Filing Date	November 5, 2003	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				First Named Inventor	Gordon Charles Dodson	
				Art Unit		
(Use as many sheets as necessary)			cessary)	Examiner Name		
Sheet	1	of	2	Attorney Docket Number	FUU 0017 VA/40929.68	

Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where	
Initials*	No.1	Number-Kind Code ^{2 (d known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	
W		^{US-} 2,798,600	07/09/1957	O'Konski		
W		^{US-} 3,097,741	07/16/1963	Schwartz		
M	,	^{US-} 3,104,085	09/17/1963	Skladany		
1		US- 3,935,357	01/27/1975	Padovani		
/N		US- 4,317,517	03/02/1982	Tisdale		
16		^{US-} 5,060,801	10/29/1991	Vilas-Boas		
		US-				
		US-				
		US-				
		US-				
		US-				
		US-			<u> </u>	
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Γ	
		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T	
N		EP 0 574 970 A2	12/22/1993	Cavallaro			
						L	
	ļ					L	
	ļ.				-	L	
	ĺ					1	

Examiner Signature Considered 4/15/2005

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. It is appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08B (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
a collection of information unless it contains a valid OMB contains.

Substitute for form 1449/PTO				Complete if Known		
OCOSINO	10 101 101117 144377 10			Application Number	10/702,187	
INF	ORMATION	I DIS	CLOSURE	Filing Date	November 5, 2003	
STATEMENT BY APPLICANT				First Named Inventor	Gordon Charles Dodson	
				Art Unit		
	(Use as many she	ets as n	ecessary)	Examiner Name		
Sheet	2	of	2	Attorney Docket Number	FUU 0017 VA/40929.68	

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²		
P		http://www.ltv-copperweld.com/pdfs/MechPocket.pdf, Mechanical Steel Tubing, LTV Copperweld, September 3, 2002, pg. 4-5.			
	•				
·					

Examiner Date	
Signature Considered 4/11/20	2005

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.